

10/516335

DTT c'd PCT/PTO 30 NOV 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

PADGETT et al

Atty. Ref.: 620-349

TC/A.U.:

Appl. No. To Be Assigned

US National Phase of PCT/GB03/02314

International Filing Date: 29 May 2003

Examiner:

For: PHOTONIC SWITCH WORKING IN MOMENTUM-DIVISION-
MULTIPLE-ACCESS (MDMA) MODE FOR MICROWAVE AND OPTICAL
WAVELENGTHS BASED UPON THE MEASUREMENT OF THE SPIN,
THE ORBITAL ANGULAR MOMENTUM AND THE TOTAL ANGULAR
MOMENTUM OF THE INVOLVED PHOTONS

* * * * *

November 30, 2004

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449.

☐ All listed documents are attached.

☐ This application was filed after June 30, 2003 so that copies of U.S. Patent Publications are not required and are not attached.

☐ Listed foreign patent publications and other documents are enclosed.

☒ The listed documents were cited in the ISR and copies should have been supplied by WIPO directly to the US PTO. If copies are not timely received from WIPO, please telephone the undersigned so that copies can be timely supplied for the Examiner's consideration in this US National Phase Application.

This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

PADGETT et al
Appl. No. (To Be Assigned)
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10/516335
DT Rec'd PCT/PTO 30 NOV 2004

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

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INFORMATION DISCLOSURE
CITATION

ATTY. DOCKET NO.

620-349

SERIAL NO.

10/516335

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APPLICANT

PADGETT et al

(Use several sheets if necessary)

FILING DATE

TC/A.U.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,180,940	1/2001	Galstian			
	4,872,755	10/1989	Kuechel			
	5,838,844	11/1998	Hamacher et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Clarke, B.J., "Near real time (NRT) Optical Signal Processor", Tactical Communications Conference, Tactical Communications: Technology in Transition, Proceedings of the Fort Wayne, IN, USA April 28-30 1992, New York, NY 1:181-189 (1992)
	Breakall, J.K., "Introduction to the three-dimensional frequency-independent phased-array (3D-FIPA)-a new class of phased array design", Proceedings of the Antennas and Propagation Society International Symposium (APSIS), Chicago July 20-24, 1992, New York, 2:1414-1417 (1992)

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.